RUSLE Related Attributes

Goochland County, Virginia

Map Unit Symbol and Map Unit Name	% Comp-osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
2B: Appling fine sandy loam, 2 to 7 percent slopes	85	Appling	B	.24	4	70.9	16.6	12.5
3A: Bolling soils, 0 to 2 percent slopes	90	Bolling	C	.28	4	30.9	56.6	12.5
3B: Bolling soils, 2 to 7 percent slopes	90	Bolling	C	.28	4	30.9	56.6	12.5
4B: Bourne fine sandy loam, 2 to 7 percent slopes	85	Bourne	C	.28	3	70.9	16.6	12.5
5: Buncombe loamy fine sand	95	Buncombe	A	.10	5	83.1	9.4	7.5
	5	Frequently flooded areas	---	---	---	---	---	---
6B2: Cecil fine sandy loam, 2 to 7 percent slopes, eroded	80	Cecil	B	.28	4	70.9	16.6	12.5
6C2: Cecil fine sandy loam, 7 to 15 percent slopes, eroded	80	Cecil	B	.28	4	70.9	16.6	12.5
7B: Colfax fine sandy loam, 2 to 7 percent slopes	80	Colfax	C	.17	4	70.9	16.6	12.5
	5	Forestdale	---	---	---	---	---	---
7C: Colfax fine sandy loam, 7 to 15 percent slopes	80	Colfax	C	.17	4	70.9	16.6	12.5
	5	Forestdale	---	---	---	---	---	---

RUSLE Related Attributes - Continued

Goochland County, Virginia

Map Unit Symbol and Map Unit Name	% Comp-osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
8B: Creedmoor fine sandy loam, 2 to 7 percent slopes	90	Creedmoor	C	.28	3	70.1	16.4	13.5
8B2: Creedmoor fine sandy loam, 2 to 7 percent slopes, eroded	90	Creedmoor	C	.28	3	70.1	16.4	13.5
8C: Creedmoor fine sandy loam, 7 to 15 percent slopes	90	Creedmoor	C	.28	3	70.1	16.4	13.5
8C2: Creedmoor fine sandy loam, 7 to 15 percent slopes, eroded	90	Creedmoor	C	.28	3	70.1	16.4	13.5
9B: Enon fine sandy loam, 2 to 7 percent slopes	80	Enon	C	.24	4	68.5	21.5	10.0
9C2: Enon fine sandy loam, 7 to 15 percent slopes, eroded	80	Enon	C	.24	4	68.5	21.5	10.0
11B2: Fluvanna fine sandy loam, 2 to 7 percent slopes, eroded	80	Fluvanna	C	.37	3	68.0	16.0	16.0
	3	Forestdale	---	---	---	---	---	---
11C2: Fluvanna fine sandy loam, 7 to 15 percent slopes, eroded	80	Fluvanna	C	.37	3	68.0	16.0	16.0
12: Forestdale fine sandy loam	85	Forestdale	D	.43	3	68.1	14.4	17.5
13A: Fork variant soils, 0 to 2 percent slopes	85	Fork variant	C	.37	2	26.0	52.0	22.0
	5	Roanoke	---	---	---	---	---	---

RUSLE Related Attributes - Continued

Goochland County, Virginia

Map Unit Symbol and Map Unit Name	% Comp-osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
14B2: Georgeville fine sandy loam, 2 to 7 percent slopes, eroded	80	Georgeville	B	.37	4	68.0	16.0	16.0
14C2: Georgeville fine sandy loam, 7 to 15 percent slopes, eroded	80	Georgeville	B	.37	4	68.0	16.0	16.0
15B2: Hiwassee loam, 2 to 7 percent slopes, eroded	80	Hiwassee	B	.28	5	39.8	37.7	22.5
16B2: Louisburg fine sandy loam, 2 to 7 percent slopes, eroded	85	Louisburg	B	.24	3	68.5	21.5	10.0
16C2: Louisburg fine sandy loam, 7 to 15 percent slopes, eroded	85	Louisburg	B	.24	3	68.5	21.5	10.0
16D2: Louisburg fine sandy loam, 15 to 25 percent slopes, eroded	85	Louisburg	B	.24	3	68.5	21.5	10.0
16E2: Louisburg fine sandy loam, 25 to 45 percent slopes, eroded	85	Louisburg	B	.24	3	68.5	21.5	10.0
17B2: Madison fine sandy loam, 2 to 7 percent slopes, eroded	80	Madison	B	.24	4	70.9	16.6	12.5
17C2: Madison fine sandy loam, 7 to 15 percent slopes, eroded	80	Madison	B	.24	4	70.9	16.6	12.5
17D2: Madison fine sandy loam, 15 to 25 percent slopes, eroded	85	Madison	B	.24	4	70.9	16.6	12.5

RUSLE Related Attributes - Continued

Goochland County, Virginia

Map Unit Symbol and Map Unit Name	% Comp-osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
18B3: Madison clay loam, 2 to 7 percent slopes, severely eroded	85	Madison	B	.28	3	33.5	36.5	30.0
18C3: Madison clay loam, 7 to 15 percent slopes, severely eroded	85	Madison	B	.28	3	33.5	36.5	30.0
18D3: Madison clay loam, 15 to 25 percent slopes, severely eroded	85	Madison	B	.28	3	33.5	36.5	30.0
19E3: Madison, Pacolet, and Wedowee clay loams, 25 to 45 percent slopes, severely eroded	50	Madison	B	.28	3	33.5	36.5	30.0
	20	Pacolet	B	.24	2	34.7	37.3	28.0
	10	Wedowee	B	.28	2	35.8	36.2	28.0
21B: Masada fine sandy loam, 2 to 7 percent slopes	80	Masada	C	.32	4	67.3	14.2	18.5
21C: Masada fine sandy loam, 7 to 15 percent slopes	80	Masada	C	.32	4	67.3	14.2	18.5
22B: Mayodan fine sandy loam, 2 to 7 percent slopes	85	Mayodan	B	.24	4	70.9	16.6	12.5
22C2: Mayodan fine sandy loam, 7 to 15 percent slopes, eroded	85	Mayodan	B	.24	4	70.9	16.6	12.5
23: Monacan silt loam	80	Monacan	C	.37	5	29.3	53.7	17.0

RUSLE Related Attributes - Continued

Goochland County, Virginia

Map Unit Symbol and Map Unit Name	% Comp-osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
24: Monacan complex	60	Monacan	C	.37	5	29.3	53.7	17.0
25B2: Nason loam, 2 to 7 percent slopes, eroded	85	Nason	C	.37	4	43.0	38.5	18.5
25C2: Nason loam, 7 to 15 percent slopes, eroded	85	Nason	C	.37	4	43.0	38.5	18.5
25D2: Nason loam, 15 to 25 percent slopes, eroded	85	Nason	C	.37	4	43.0	38.5	18.5
26B: Orange loam, 2 to 7 percent slopes	85	Orange	D	.28	3	43.0	38.5	18.5
26C: Orange loam, 7 to 15 percent slopes	85	Orange	D	.28	3	43.0	38.5	18.5
27B2: Pacolet fine sandy loam, 2 to 7 percent slopes, eroded	85	Pacolet	B	.20	3	69.6	16.4	14.0
27C2: Pacolet fine sandy loam, 7 to 15 percent slopes, eroded	80	Pacolet	B	.20	3	69.6	16.4	14.0
27D2: Pacolet fine sandy loam, 15 to 25 percent slopes, eroded	80	Pacolet	B	.20	3	69.6	16.4	14.0
28B3: Pacolet clay loam, 2 to 7 percent slopes, severely eroded	80	Pacolet	B	.24	2	34.7	37.8	27.5
28C3: Pacolet clay loam, 7 to 15 percent slopes, severely eroded	80	Pacolet	B	.24	2	34.7	37.8	27.5

RUSLE Related Attributes - Continued

Goochland County, Virginia

Map Unit Symbol and Map Unit Name	% Comp-osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
28D3: Pacolet clay loam, 15 to 25 percent slopes, severely eroded	80	Pacolet	B	.24	2	34.7	37.8	27.5
29A: Pamunkey loam, 0 to 4 percent slopes	95	Pamunkey	B	.28	4	46.0	44.0	10.0
31C2: Pinkston fine sandy loam, 7 to 15 percent slopes, eroded	85	Pinkston	B	.20	2	67.5	21.0	11.5
31E2: Pinkston fine sandy loam, 25 to 45 percent slopes, eroded	80	Pinkston	B	.20	2	67.5	21.0	11.5
32D2: Pinkston-Mayodan fine sandy loams, 15 to 25 percent slopes, eroded	65	Pinkston	B	.20	2	67.5	21.0	11.5
	30	Mayodan	B	.24	4	70.9	16.6	12.5
33: Roanoke silt loam	80	Roanoke	D	.37	4	27.1	54.4	18.5
	5	Frequently flooded areas	---	---	---	---	---	---
34B: Sedgefield fine sandy loam, 2 to 7 percent slopes	85	Sedgefield	C	.28	3	69.6	16.4	14.0
	5	Forestdale	---	---	---	---	---	---
34C: Sedgefield fine sandy loam, 7 to 15 percent slopes	85	Sedgefield	C	.28	3	69.6	16.4	14.0
	5	Forestdale	---	---	---	---	---	---
35C2: Tallapoosa variant fine sandy loam, 7 to 15 percent slopes, eroded	85	Tallapoosa variant	C	.28	1	71.3	16.7	12.0

RUSLE Related Attributes - Continued

Goochland County, Virginia

Map Unit Symbol and Map Unit Name	% Comp-osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
35D2: Tallapoosa variant fine sandy loam, 15 to 25 percent slopes, eroded	85	Tallapoosa variant	C	.28	1	71.3	16.7	12.0
35E2: Tallapoosa variant fine sandy loam, 25 to 50 percent slopes, eroded	85	Tallapoosa variant	C	.28	1	71.3	16.7	12.0
36B2: Tatum loam, 2 to 7 percent slopes, eroded	80	Tatum	B	.37	4	42.4	38.1	19.5
36C2: Tatum loam, 7 to 15 percent slopes, eroded	80	Tatum	B	.37	4	42.4	38.1	19.5
36D2: Tatum loam, 15 to 25 percent slopes, eroded	85	Tatum	B	.37	4	42.4	38.1	19.5
37: Tuckahoe soils	85	Tuckahoe	B	.37	5	43.0	39.5	17.5
	5	Wet spots	---	---	---	---	---	---
38B2: Turbeville fine sandy loam, 2 to 7 percent slopes, eroded	80	Turbeville	C	.32	5	68.1	21.4	10.5
38C2: Turbeville fine sandy loam, 7 to 15 percent slopes, eroded	80	Turbeville	C	.32	5	68.1	21.4	10.5
39B3: Turbeville sandy clay loam, 2 to 7 percent slopes, severely eroded	90	Turbeville	C	.28	4	51.5	14.5	34.0
39C3: Turbeville sandy clay loam, 7 to 15 percent slopes, severely eroded	85	Turbeville	C	.28	4	51.5	14.5	34.0

RUSLE Related Attributes - Continued

Goochland County, Virginia

Map Unit Symbol and Map Unit Name	% Comp-osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
41: Udorthents, mine spoil	85	Udorthents	---	---	---	---	---	---
42: Udorthents-Quarries complex	50	Udorthents	---	---	---	---	---	---
	30	Quarries	---	---	---	---	---	---
43B: Vance fine sandy loam, 2 to 7 percent slopes	85	Vance	C	.24	3	69.6	16.4	14.0
43C2: Vance fine sandy loam, 7 to 15 percent slopes, eroded	80	Vance	C	.24	3	69.6	16.4	14.0
44B2: Wedowee fine sandy loam, 2 to 7 percent slopes, eroded	80	Wedowee	B	.24	3	70.9	16.6	12.5
44C2: Wedowee fine sandy loam, 7 to 15 percent slopes, eroded	80	Wedowee	B	.24	3	70.9	16.6	12.5
44D2: Wedowee fine sandy loam, 15 to 25 percent slopes, eroded	85	Wedowee	B	.24	3	70.9	16.6	12.5
45B3: Wedowee clay loam, 2 to 7 percent slopes, severely eroded	85	Wedowee	B	.28	2	35.8	36.2	28.0
45C3: Wedowee clay loam, 7 to 15 percent slopes, severely eroded	85	Wedowee	B	.28	2	35.8	36.2	28.0
45D3: Wedowee clay loam, 15 to 25 percent slopes, severely eroded	85	Wedowee	B	.28	2	35.8	36.2	28.0

RUSLE Related Attributes - Continued

Goochland County, Virginia

Map Unit Symbol and Map Unit Name	% Composition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
46: Wehadkee silt loam	80	Wehadkee	D	.32	5	21.9	55.1	23.0
47B2: Wilkes fine sandy loam, 2 to 7 percent slopes, eroded	85	Wilkes	C	.24	1	70.9	16.6	12.5
47C2: Wilkes fine sandy loam, 7 to 15 percent slopes, eroded	85	Wilkes	C	.24	1	70.9	16.6	12.5
47D2: Wilkes fine sandy loam, 15 to 25 percent slopes, eroded	85	Wilkes	C	.24	1	70.9	16.6	12.5
47E2: Wilkes fine sandy loam, 25 to 45 percent slopes, eroded	85	Wilkes	C	.24	1	70.9	16.6	12.5
W: Water	100	Water	---	---	---	---	---	---